

## Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors	PO ID PO28549	Receipt Dates from 6/8/2015 to 6/8/2015

Total Received Quantity:	49.00000
total Qty to Inspect (PO U/M):	0.00000
Total Reject Quantity:	0.00000
Total Receipt Value:	\$965.13
Total Balance Due Quantity:	0.00000



SHIP FROM:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

2017  
DAN  
No: PEC 937898  
Ship Date 05Jun15 at 15:19 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

SHIP TO: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-806366- 1 Your PO # 28549  
Part # 250/12 Rel #

ALUMINUM PLATE 7075-T651

1.750" THICK X 2.2500" X 144.0000"

Heat Number  
9314173

Tag No  
629816

Quantity  
4.50 SFT

PCS  
2

Wt LBS  
122

MTR

2) Our Order PEC-806366- 2 Your PO # 28549  
Part # 5-8 DAYS A.R.O 250/12 Rel #

ALUMINUM PLATE 7075-T651

.375" THICK X 8.0000" X 144.0000"

Heat Number  
589911

Tag No  
629118

Quantity  
8.00 SFT

PCS  
1

Wt LBS  
44

MTR

3) Our Order PEC-806366- 3 Your PO # 28549  
ALUMINUM PLATE 7075-T651

.250" THICK X 6.0000" X 48.5000"

Heat Number  
131954B0

Tag No  
629119

Quantity  
6.06 SFT

PCS  
3

Wt LBS  
22

MTR

TOTAL: Tags 3 PCS 6 Wt LBS 188

Heat Number  
589911

\*\*\* Chemical Analysis \*\*\*

ADD ON TO 803853/803866 SUR-CHARGE ADDED

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.  
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

SOLIA Plouffe.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION  
TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE



SHIP FROM:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

NO: PEC 937898  
SHIP DATE 05Jun15 at 15:19 From PFW  
PROBILL  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

SHIP TO: ( 1)  
DART AEROSPACE

B I L L O F L A D I N G

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 1 PKG, 2 BDLS GW. 235 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION  
TVQ/QST # 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE





**Constellium**



**CERTIFIED TEST REPORT**  
Constellium Rolled Products  
Ravenswood, LLC

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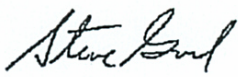
COPPER & BRASS-TMX DIVISION

5450 E. HOME  
FRESNO CA  
93727  
US

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COPPER & BRASS SALES

PO BOX 5116  
SOUTHFIELD MI  
48086  
US

COPPER&BR		110307342		4075		INCLUSION		Serial:20150428-0110307342		Pg 1of3	
CUSTOMER PURCHASE ORDER NO. & ITEM 5400253051						Constellium ORDER NO. 135054					
ALLOY 7075		CLAD		TEMPER T651		GAUGE 1.78000 in		WIDTH 48.50000 in		LENGTH 144.50000 in	
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH											
CUSTOMER SPECIFICATION AMS QQ-A-250/12A											
PART NUMBER ALFLR00996				B/L NUMBER 41268				DATE SHIPPED 04/29/2015			
WT. SHIPPED 10540.000 LB				NO. OF PIECES 000008				GOVT. CONTRACT NO.			
CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA   Steve Good - Laboratory Manager											

ALL LOTS ON THIS CERTIFICATION CONFORM TO THE FOLLOWING REQUIREMENTS:

AMS 4045K  
ASTM B209-14

Load Details

Package	Net Lbs	Kg	Lot	Piece	Serial	Parent Lot
1001031870	2,630.000	1,192.947	9314173	01		
1001031870	2,630.000	1,192.947	9314173	02		
1001031871	2,630.000	1,192.947	9314173	03		
1001031871	2,630.000	1,192.947	9314173	04		
1001031872	2,640.000	1,197.483	9314174	01		
1001031872	2,640.000	1,197.483	9314174	02		
1001031873	2,640.000	1,197.483	9314174	03		
1001031873	2,640.000	1,197.483	9314174	04		

Lot: 9314173

Tensile Test (US)

Direction	Tests	Ultimate (KSI)		Yield (KSI)		Elongation (%)	
		Min	Max	Min	Max	Min	Max
LT	02	79.1	80.3	68.6	69.7	13	13





**Constellium**



**CERTIFIED TEST REPORT**  
Constellium Rolled Products  
Ravenswood, LLC

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COPPER & BRASS-TMX DIVISION

5450 E. HOME  
FRESNO CA  
93727  
US

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COPPER & BRASS SALES

PO BOX 5116  
SOUTHFIELD MI  
48086  
US

COPPER&BR		110307342		4075		INCLUSION		Serial:20150428-0110307342		Pg 2of3	
CUSTOMER PURCHASE ORDER NO. & ITEM 5400253051						Constellium ORDER NO. 135054		<p align="center"><b>CERTIFICATION</b></p> <p>"Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA</p> <p align="center"><i>Steve Good</i></p> <p align="center">Steve Good - Laboratory Manager</p>			
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.78000 in	WIDTH 48.50000 in	LENGTH 144.50000 in						
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH											
CUSTOMER SPECIFICATION AMS QQ-A-250/12A											
PART NUMBER ALFLR00996			B/L NUMBER 41268		DATE SHIPPED 04/29/2015						
WT. SHIPPED 10540.000 LB		NO. OF PIECES 000008		GOVT. CONTRACT NO.							

Tensile Test (SI)							
		Ultimate (N/MM2)		Yield (N/MM2)		Elongation (%)	
Direction	Tests	Min	Max	Min	Max	Min	Max
LT	02	545	554	473	481	13	13

Chemistry (Actual)									
	SI	FE	CU	MN	MG	CR	ZN	TI	ZR
Core	0.07	0.10	1.54	0.07	2.51	0.21	5.56	0.03	0.01

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER
---

All material contained in this lot was cast and manufactured in the USA
<b>Lot: 9314174</b>

Tensile Test (US)							
		Ultimate (KSI)		Yield (KSI)		Elongation (%)	
Direction	Tests	Min	Max	Min	Max	Min	Max
LT	02	79.7	80.5	68.4	69.8	13	13

P-860-155D REVISED: 10 2014
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**Constellium**



**CERTIFIED TEST REPORT**  
Constellium Rolled Products  
Ravenswood, LLC

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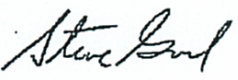
COPPER & BRASS-TMX DIVISION

5450 E. HOME  
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COPPER & BRASS SALES

PO BOX 5116  
SOUTHFIELD MI  
48086  
US

COPPER&BR		110307342		4075		INCLUSION		Serial:20150428-0110307342		Pg 3of3																									
CUSTOMER PURCHASE ORDER NO. & ITEM 5400253051						Constellium ORDER NO. 135054																													
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.78000 in	WIDTH 48.50000 in	LENGTH 144.50000 in		<b>CERTIFICATION</b> "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA    Steve Good - Laboratory Manager																												
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH																																			
CUSTOMER SPECIFICATION AMS QQ-A-250/12A																																			
PART NUMBER ALFLR00996			B/L NUMBER 41268		DATE SHIPPED 04/29/2015																														
WT. SHIPPED 10540.000 LB		NO. OF PIECES 000008		GOVT. CONTRACT NO.																															
<b>Tensile Test (SI)</b> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Ultimate (N/MM2)</th> <th colspan="2">Yield (N/MM2)</th> <th colspan="2">Elongation (%)</th> </tr> <tr> <th>Direction</th> <th>Tests</th> <th>Min</th> <th>Max</th> <th>Min</th> <th>Max</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>LT</td> <td>02</td> <td>550</td> <td>555</td> <td>472</td> <td>481</td> <td>13</td> <td>13</td> </tr> </tbody> </table>														Ultimate (N/MM2)		Yield (N/MM2)		Elongation (%)		Direction	Tests	Min	Max	Min	Max	Min	Max	LT	02	550	555	472	481	13	13
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Direction	Tests	Min	Max	Min	Max	Min	Max																												
LT	02	550	555	472	481	13	13																												
<b>Chemistry (Actual)</b> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th></th> <th>SI</th> <th>FE</th> <th>CU</th> <th>MN</th> <th>MG</th> <th>CR</th> <th>ZN</th> <th>TI</th> <th>ZR</th> </tr> </thead> <tbody> <tr> <td>Core</td> <td>0.07</td> <td>0.10</td> <td>1.54</td> <td>0.07</td> <td>2.51</td> <td>0.21</td> <td>5.56</td> <td>0.03</td> <td>0.01</td> </tr> </tbody> </table>													SI	FE	CU	MN	MG	CR	ZN	TI	ZR	Core	0.07	0.10	1.54	0.07	2.51	0.21	5.56	0.03	0.01				
	SI	FE	CU	MN	MG	CR	ZN	TI	ZR																										
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OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER																																			
All material contained in this lot was cast and manufactured in the USA																																			
<p>THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.</p> <p>CHEMISTRY BY OES: ARKSPARK</p> <p>CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT</p> <p>WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399</p> <p>WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557</p> <p>DUNS Number: 090570149; CAGE Code: 1YW19</p> <p>Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product.</p> <p>"END OF CERTIFICATION"</p>																																			
P-860-155D REVISED: 10 2014																																			



# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

From: ThyssenKrupp Materials NA  
Cust. THYSSENKRUPP MATERIALS NA - ECAD  
CSTAR  
Wgt.: 44 LB

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

*Rob Woodall*

Rob Woodall  
Director of Manufacturing Davenport Works

*Terrence Thom*

Terrence Thom  
Quality Assurance Manager

2403711	0	Invoice No.	Alcoa No.	Item	DP-89971-1
Ship Date	BL No.	00000	1000689971-1		
2015-03-05	9811109	Customer	Alcoa Item		
P.O. No./Govt Contract No.	Ln#	C&B	G041015371R12		
5400254943	0010				

1: 1 cert with shipment. Cert on Alcoadirect.

COPPER & BRASS SALES INC  
ATTN: ACCOUNTS PAYABLE  
P.O. BOX 516  
SOUTHFIELD 48086 MI

COPPER & BRASS SALES INC  
1015 SAINT JEROME ST.  
MISHAWAKA 46544 IN

Date 05/22/2015  
Cstor 267204

Del.: 2403883043

*John R. Smith*



# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

From: ThyssenKrupp Materials NA  
Cust. THYSSENKRUPP MATERIALS NA - ECAD  
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*Rob Woodall*  
Rob Woodall  
Director of Manufacturing Davenport Works  
*Terrence Thom*  
Terrence Thom  
Quality Assurance Manager

Page 1 of 2

2403711  
Ship Date 0  
B.I. No. 9811109  
Invoice No. 00000  
Alcoa No. Item 1000689971-1  
DP-89971-1  
P.O. No./Govt Contract No. Customer Alcoa Item  
5400254943 Ln#: 0010 C&B G041015371R12

Ship To: COPPER & BRASS SALES INC  
1015 SAINT JEROME ST.  
MISHAWAKA 46544 IN

Item Description  
0.375 IN TK (+.018 -.018) X 48.5 IN W (+.375 -  
0.000) X 144.5 IN LN (+.5 -0.0) CAT D 123930 (N) A/T 7075-  
T651 RECTANGULAR MILD FINISH. AMS-QQ-A-250/12 REV A EXC\_MRK,  
OIL AMS4045 REV K EXC\_MRK ASTM B209 REV 14  
(MARKED) KRAFT PAPER INTERLEAVED  
MAX GROSS SKID WGT: 4750 LB QUAN TOL +/-  
10 % CQR D123930 REV 35 CUST REQ 15-02-  
28 \*\*\* W/E 15-03-07 \*\*\*

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector	Clock Numbers
1	715565	589911	4314	16	PC	46819	
2	715565	589912	270	1	PC	46819	
			4584	17			

Notes for CQR: D123930.35  
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/12 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/12F. PROD UCT  
PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12.

CQR: D123930.35 -Specification Limits -----

Temp Dir	UTS	TYS	ELAD
T651 Long Transv.	Max KSI	Max KSI	PCT
	Min 78.0	67.0	9

Chemical Composition	SI	FE	CU	MN	MG	CR	ZN	TI	Each	Other
Alloy 7075	Max	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05
	Min	1.2	2.1	0.18	5.1					
										REMAIN

*John R. Smith*

Date 05/22/2015  
Cstar 267204  
Del.: 2403883043



# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

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Director of Manufacturing Davenport Works

Terrence Thom  
Quality Assurance Manager

2403711	0	Invoice No.	Alcoa No.	Item
Ship Date	B.I. No.	00000	1000689971-1	DP-89971-1
2015-03-05	9811109	Customer Alcoa Item		
P.O. No./Govt Contract No.	5400254943	Ln#: 0010	C&B	G041015371R12

Page 2 of 2

CQR: D123930.35 - Specification Limits (cont.) -----

Lot: 589911 - Mechanical, Physical, Metallography, Quantometer Results -----

Temp	Dir	Long	Transv.	3	UTS	KSI	TY	TY	ELAD	PCT	12.8	12.5	12.3
T651	Long	Transv.		3	82.2	72.6	70.8	71.8					
					80.9								
					81.9								

Cast Number	Chemical	OES	SI	FE	CU	MN	MG	CR	ZN	TI
H8337015	Actuals		0.05	0.27	1.6	0.01	2.4	0.18	5.7	0.02
Lot: 589912	- Mechanical, Physical, Metallography, Quantometer Results									

Temp	Dir	Long	Transv.	3	UTS	KSI	TY	TY	ELAD	PCT	13.1	13.2	13.2
T651	Long	Transv.		3	81.1	71.3	71.3	71.2					
					81.2								
					81.2								

Cast Number	Chemical	OES	SI	FE	CU	MN	MG	CR	ZN	TI
H8337011	Actuals		0.05	0.27	1.6	0.01	2.4	0.18	5.7	0.02

This material was melted in the United States or a Qualifying Country [REF DPAKS 225.872.1(a)]; it was manufactured in the United States

Del.: 2403883043  
Cust. THYSSENKRUPP MATERIALS NA - ECAD  
Cstor 267204  
Date 05/22/2015

Wgt.: 44 LB  
Cstar

*John R. Smith*



# KAISER ALUMINUM FABRICATED PRODUCTS

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

3

Kaiser Aluminum  
Trentwood Works  
Spokane, WA 99215-5108  
(800) 367-2586

CUSTOMER PO NUMBER: 5400251430-120		WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR00983-48.5		PRODUCT DESCRIPTION: Sawed Plate
KAISER ORDER NUMBER: 1191173	LINE ITEM: 12	SHIP DATE: 04/21/2015	ALLOY: 7075	CLAD: BARE	TEMPER: T651
WEIGHT SHIPPED: 3264 LB	QUANTITY: 18 PCS EST.	B/L NUMBER: 2053520	GAUGE: 0.2500 IN	WIDTH: 48.500 IN	LENGTH: 144.500 IN
SHIP TO:  COPPER & BRASS 1015 SAINT JEROME ST. MISHAWAKA, IN 46544 US			SOLD TO:  COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US		

MHU 1884623: LOT 131954B0: 18 pieces

### Certified Specifications

AMS 4045/RevK AMS-QQ-A-250/12/RevA ASTM B 209/Rev14 CMM 025/RevU

Test Code: 1512

### Test Results:

LOT: 131954B0 CAST: 772 DROP: 16 INGOT: 2

Melted in USA  
(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 02 (Min:Max)	84.3 : 84.4 (581 : 582)	74.7 : 74.8 (515 : 516)	11.7 : 11.9

(ASTM E1251)  
Chemistry:

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.08	0.17	1.4	0.06	2.4	0.20	5.7	0.03	0.01	0.01	TOT 0.06

Chemistry:

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
7075	MIN 0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	MAX 0.05
	MAX 0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT 0.15

Aluminum Remainder

Spec

Rev

Plant Serial: 4372872  
Kaiser Order Number: 1191173  
Line Item: 12

Page 1 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403883049

CstAr

CstOr 267204

Wgt.: 22 LB

Date 05/22/2015

*John L. Zambetti*



# KAISER ALUMINUM

FABRICATED PRODUCTS

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum  
Trentwood Works  
Spokane, WA 99215-5108  
(800) 367-2586

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO-9001:2008/AS9100C certified and hereby certifies that all material shipped under this order: \* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. \* was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. \* has been thermally processed in compliance with AMS 2772, where applicable. \* is mercury free, within the limits of detection of ASTM E1251 (<1ppm). \* is in compliance with RoHS 2, European Union Directive 2011/65/EU. \* is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) n:1907/2006. \* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act. Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, LABORATORIES SUPERVISOR

*James Hemenway*

### CERTIFICATION

ISO-9001:2008/AS9100C  
2011-06-01  
2011-06-01  
2011-06-01

Plant Serial: 4372872  
Kaiser Order Number: 1191173  
Line Item: 12

Page 2 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403883049

CstAr

CstOr 267204

Wgt.: 22 LB

Date 05/22/2015

*John R. Zumbach*



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 1707576B.375x8.00  
 DATE: 15-06-12

PO / BATCH NO.: P028549/M13245B

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12  
 QUANTITY INSPECTED: 12  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .375  
 THICKNESS RECEIVED: .375  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	Y (N)	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	Y (N)	
CORRECT MATERIAL	Y (N)	
CORRECT THICKNESS	Y (N)	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	Y (N)	
CORRECT REF # TO LINK CERT	Y (N)	47# 389911
CORRECT MATERIAL IDENTIFICATION	Y (N)	
CORRECT M# ON THE MATERIAL	Y (N)	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9</u> DATE: <u>15-06-12</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M102516B1.750x2.750

PO / BATCH NO.: P028549 / M132453

DATE: 15-06-12

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 24  
 QUANTITY INSPECTED: 24  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.750"  
 THICKNESS RECEIVED: 1.750"  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	
CORRECT REF # TO LINK CERT	(Y) N	HT# 934173
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DA 9 9-89</u> DATE: <u>15-06-12</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M10151686.00x.250  
 DATE: 15-06-12

PO / BATCH NO.: P028549/M132458

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12'  
 QUANTITY INSPECTED: 12'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .250  
 THICKNESS RECEIVED: .250  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	AT 13195480
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9-89</u> DATE: <u>15-06-12</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28549**

Purchase Order Date 5/21/2015

PO Print Date 5/21/2015

Page Number 1 of 2

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M7075T6B1.750X02.250	7075-T6 BAR 1.750" X 2.250"	6/4/2015 Yes 6/4/2015		24.00 f	\$26.28	\$630.76
MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS-4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE							
Line Total:							\$630.76
2	M7075T6B0.375X8.000	7075-T6 Plate 0.375" X 8.000", QQ-A 250/12	6/4/2015 Yes 6/4/2015	FN	12.00 f	\$26.83	\$322.00
MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS-4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE							
Line Total:							\$322.00

60150608

Note:

5/21/2015





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO28549**

Purchase Order Date 5/21/2015

PO Print Date 5/21/2015

Page Number 2 of 2

**Order From :** VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 905 669 9444

**Ship To Contact**

**Ship To Phone**

**Ship Via:** VENDOR'S TRUCK

**Ship Acct:**

**Buyer**

**Customer POID**

**Customer Tax #** 10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

FCA - (Free Carrier)

3	M7075T6B6.000X0.250	7075-T6 BAR 6.000" X 0.250"	6/4/2015	12.00	\$20.63	\$247.50
		Yes	6/4/2015	f		

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS-4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

**Line Total:** \$247.50

4	71401-45	PROCUREMENT QUALITY CLAUSES	6/4/2015	1.00	\$0.00	\$0.00
		No	6/4/2015			

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality document

**Line Total:** \$0.00

**PO Total:** \$1,200.26

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 1

Change Date: 5/21/2015